

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

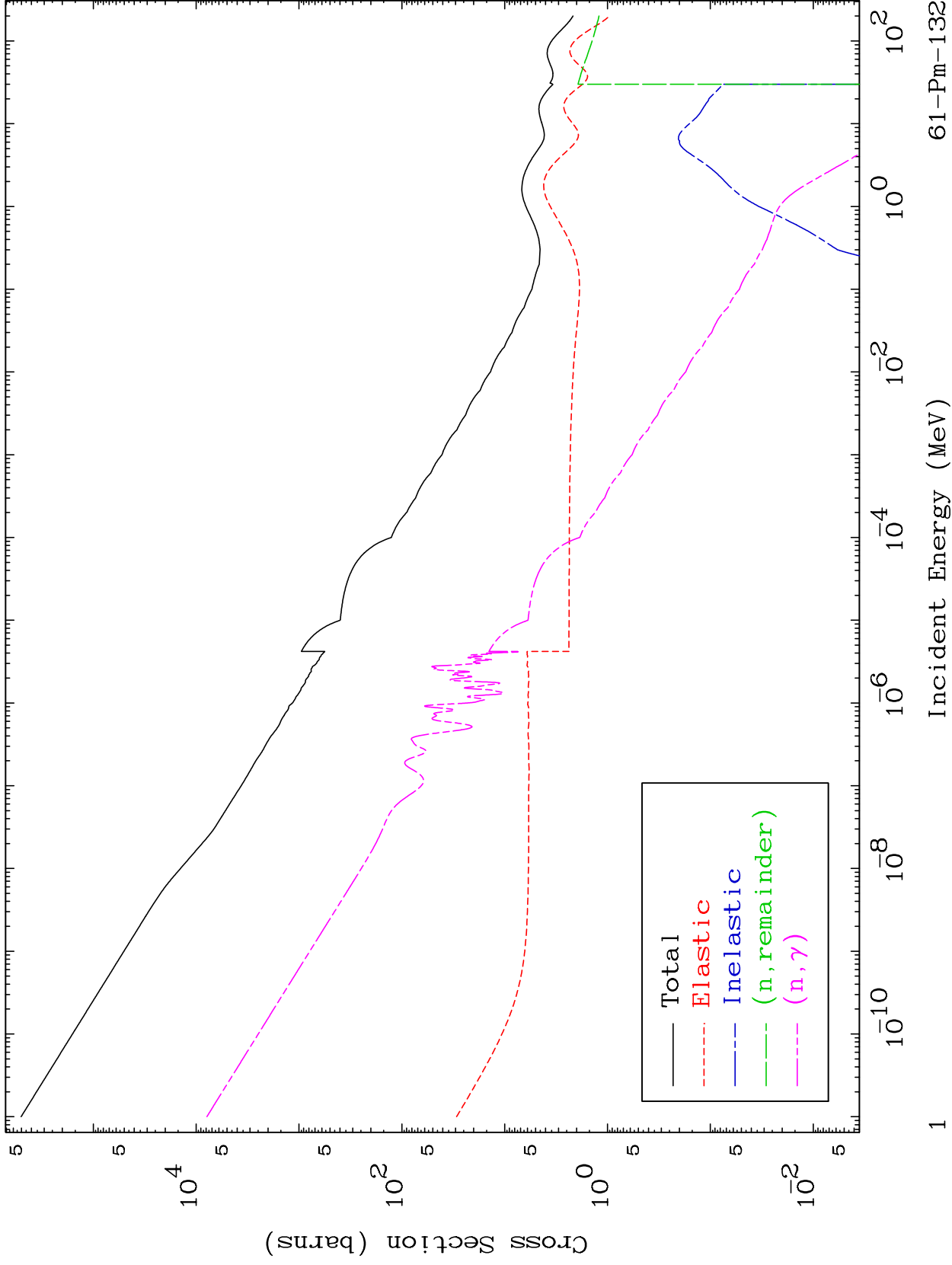
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6104

Major  
293 Kelvin Cross Sections

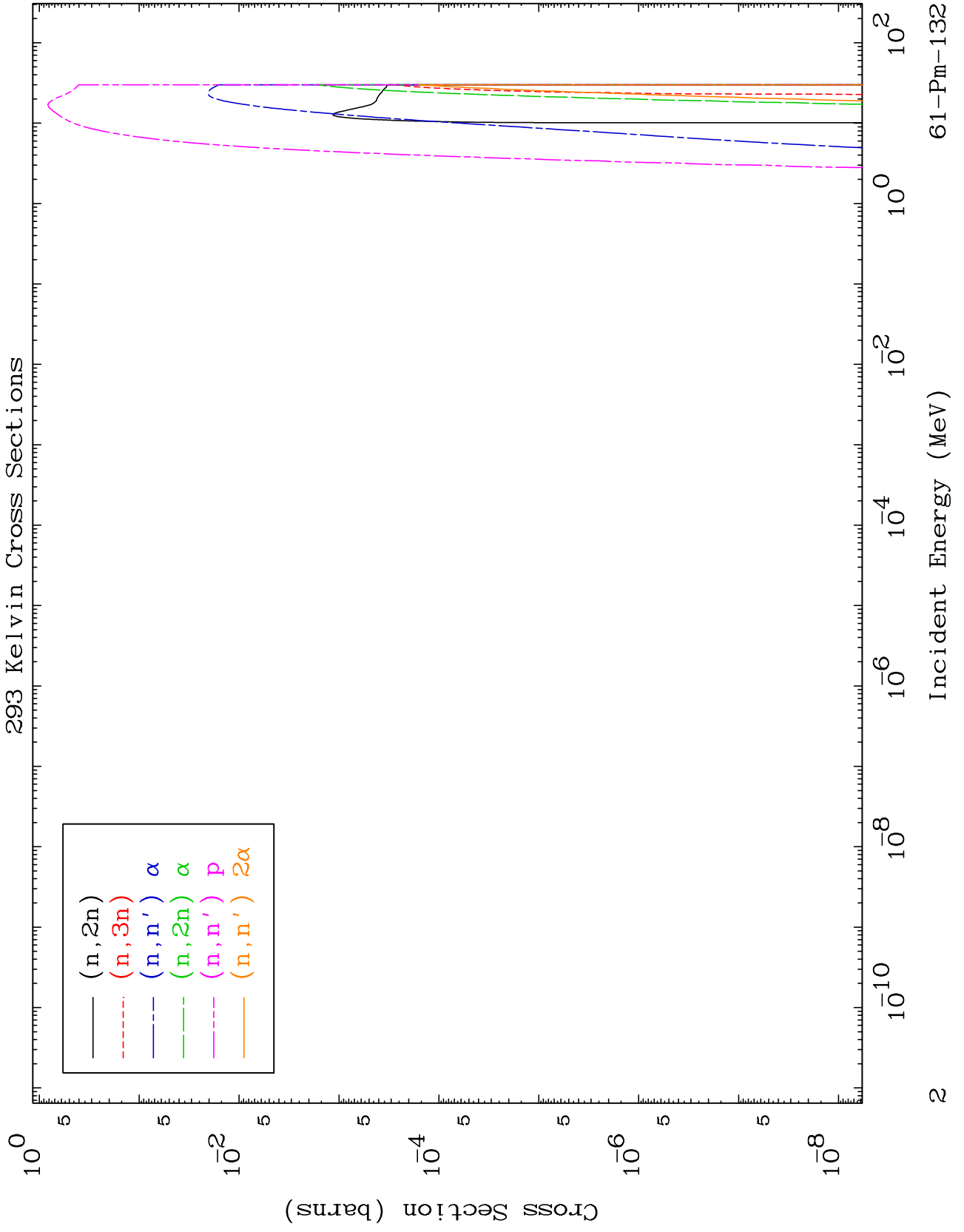
61-Pm-132

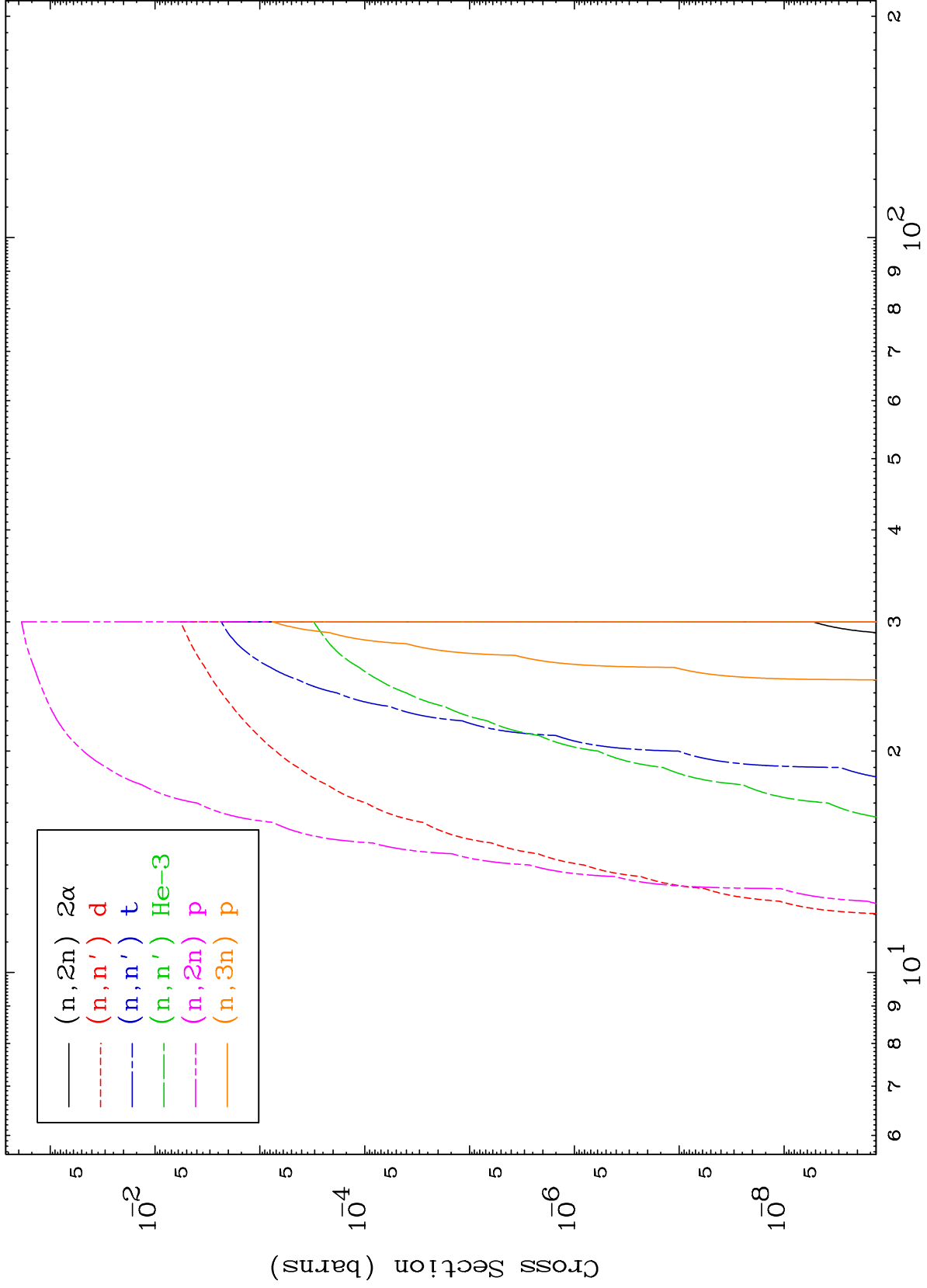


MAT 6104

Neutron Production  
293 Kelvin Cross Sections

61-Pm-132

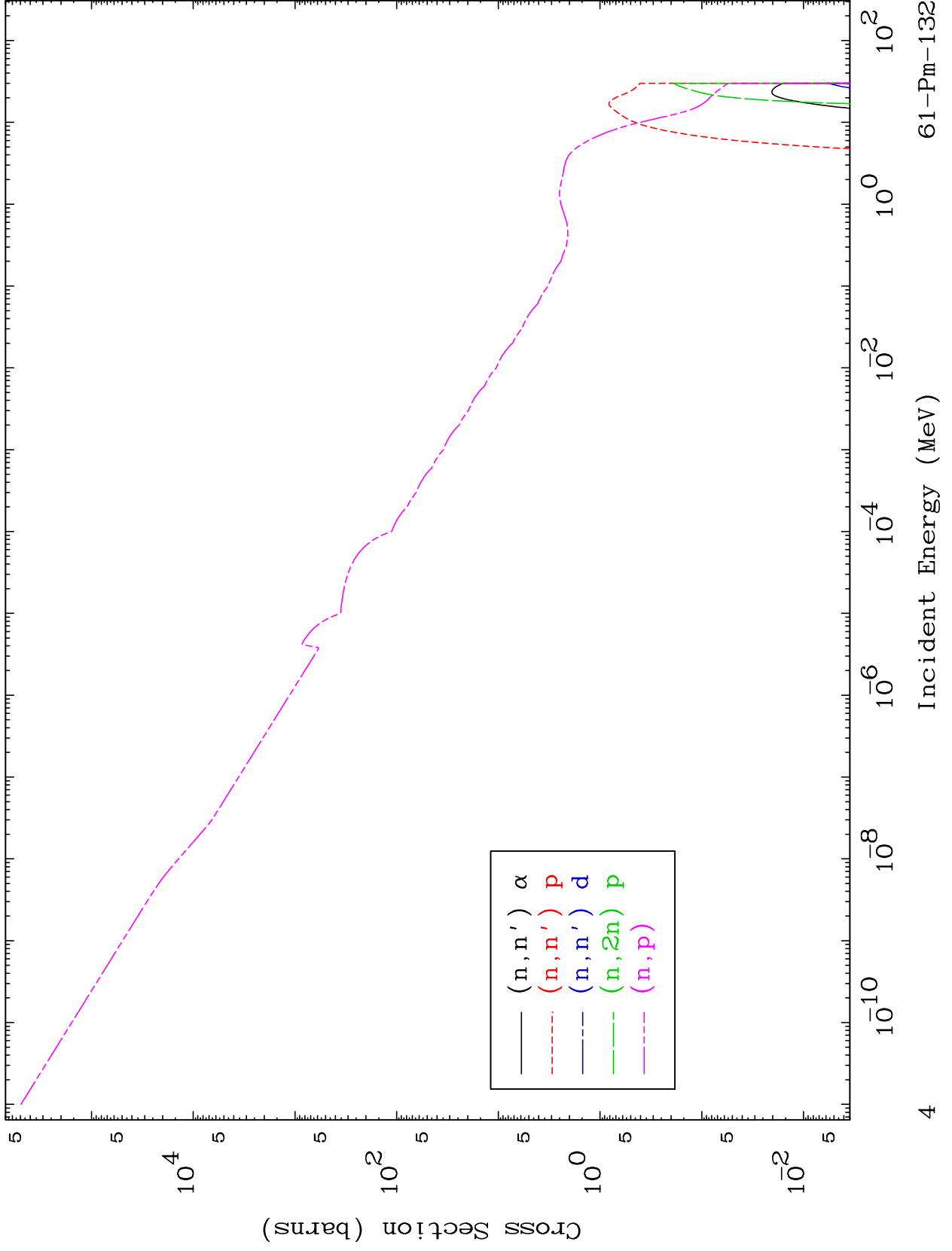




MAT 6104

Charged Particle  
293 Kelvin Cross Sections

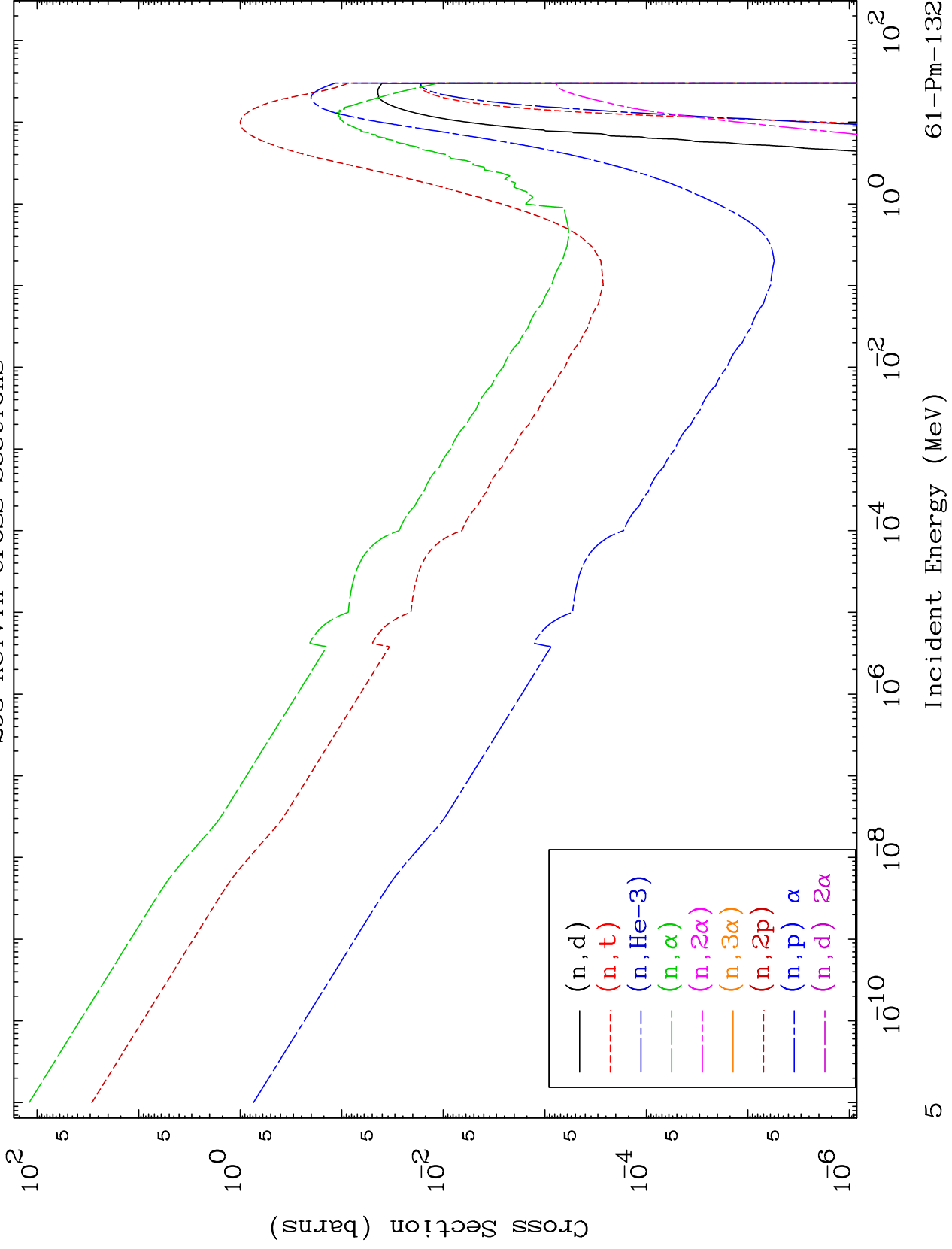
61-Pm-132



MAT 6104

Charged Particle  
293 Kelvin Cross Sections

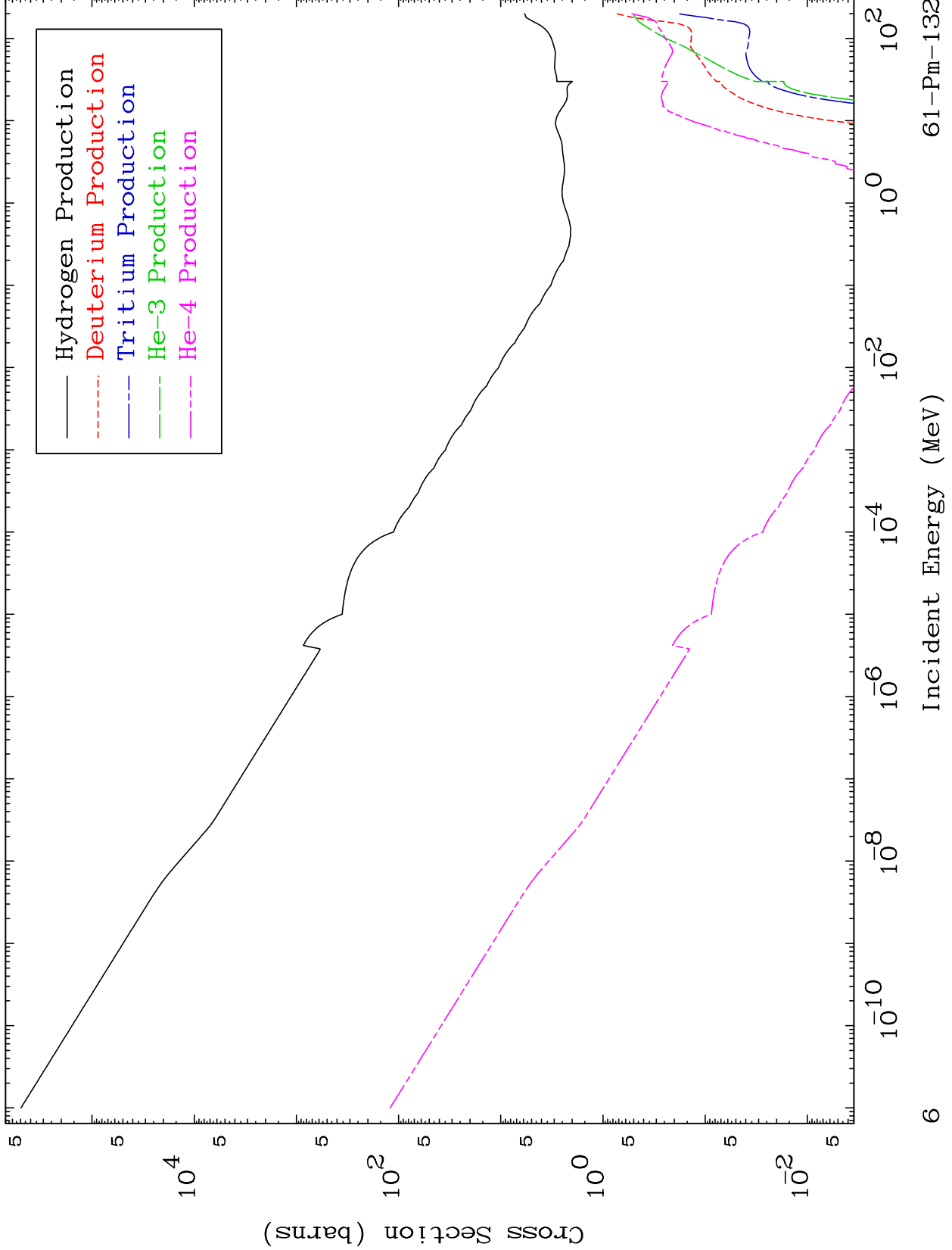
61-Pm-132



MAT 6104

Particle Production  
293 Kelvin Cross Sections

61-Pm-132

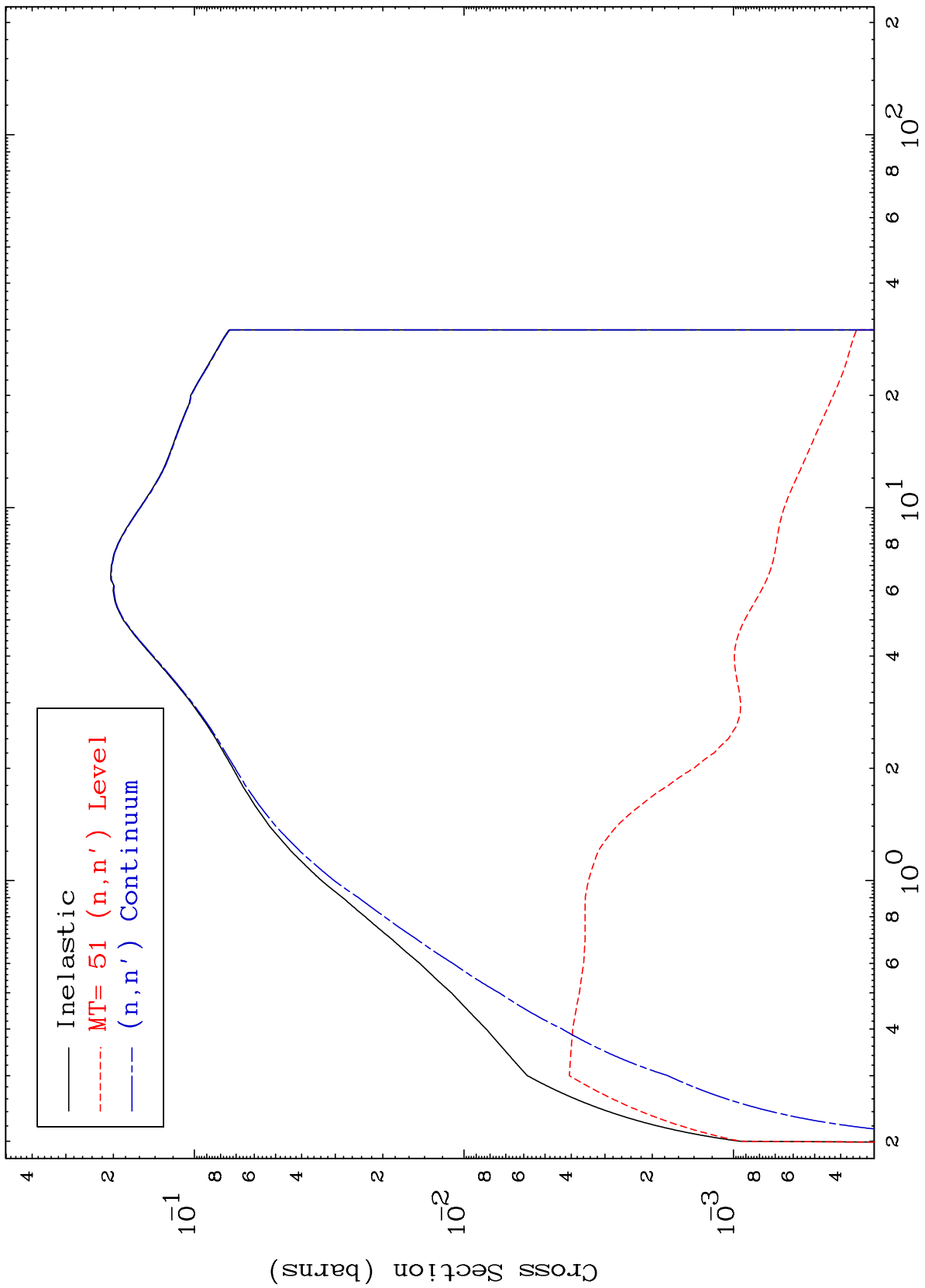


MAT 6104

(n,n') Level

61-Pm-132

293 Kelvin Cross Sections

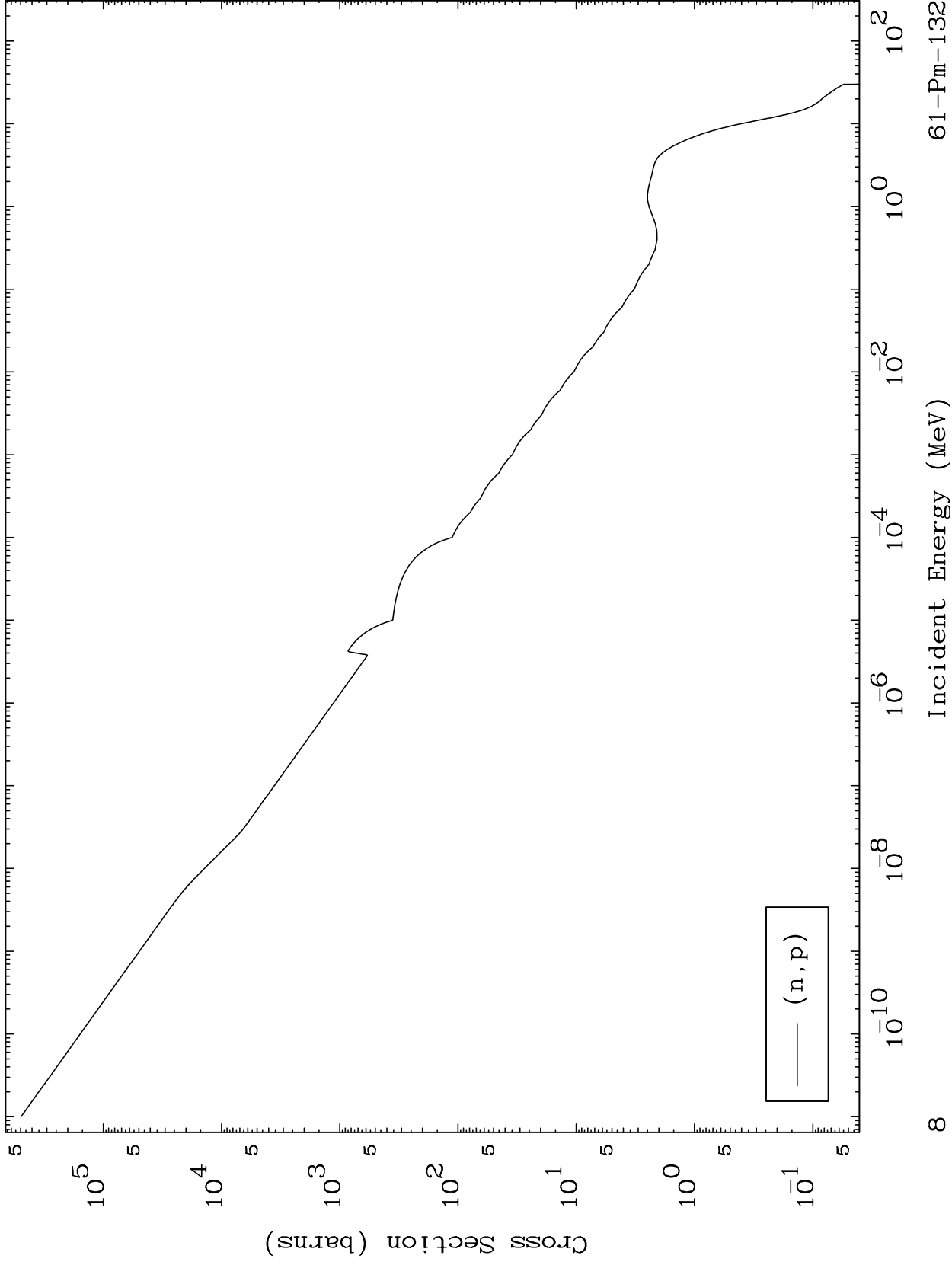




MAT 6104

(n,p) Levels  
293 Kelvin Cross Sections

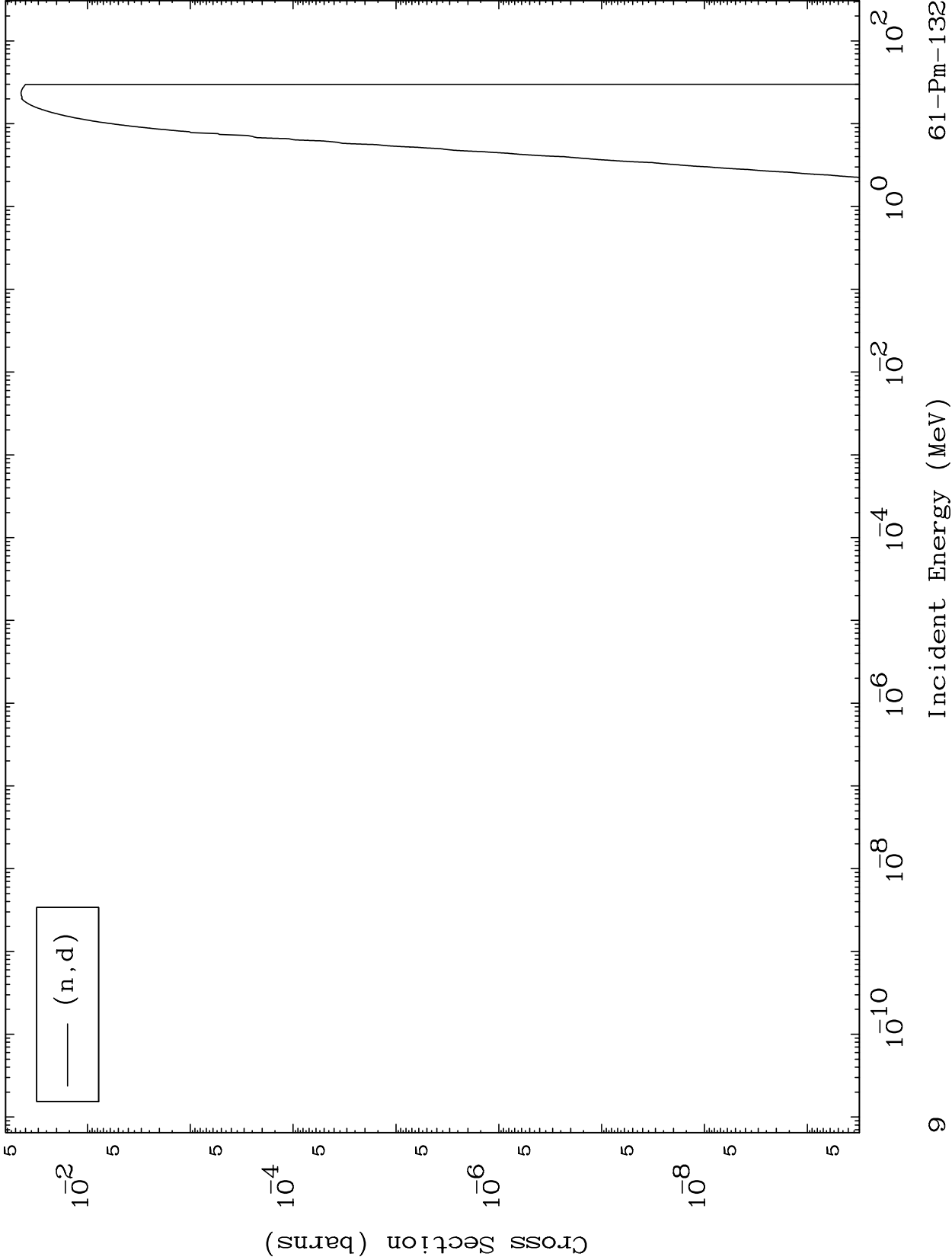
61-Pm-132



MAT 6104

(n,d) Levels  
293 Kelvin Cross Sections

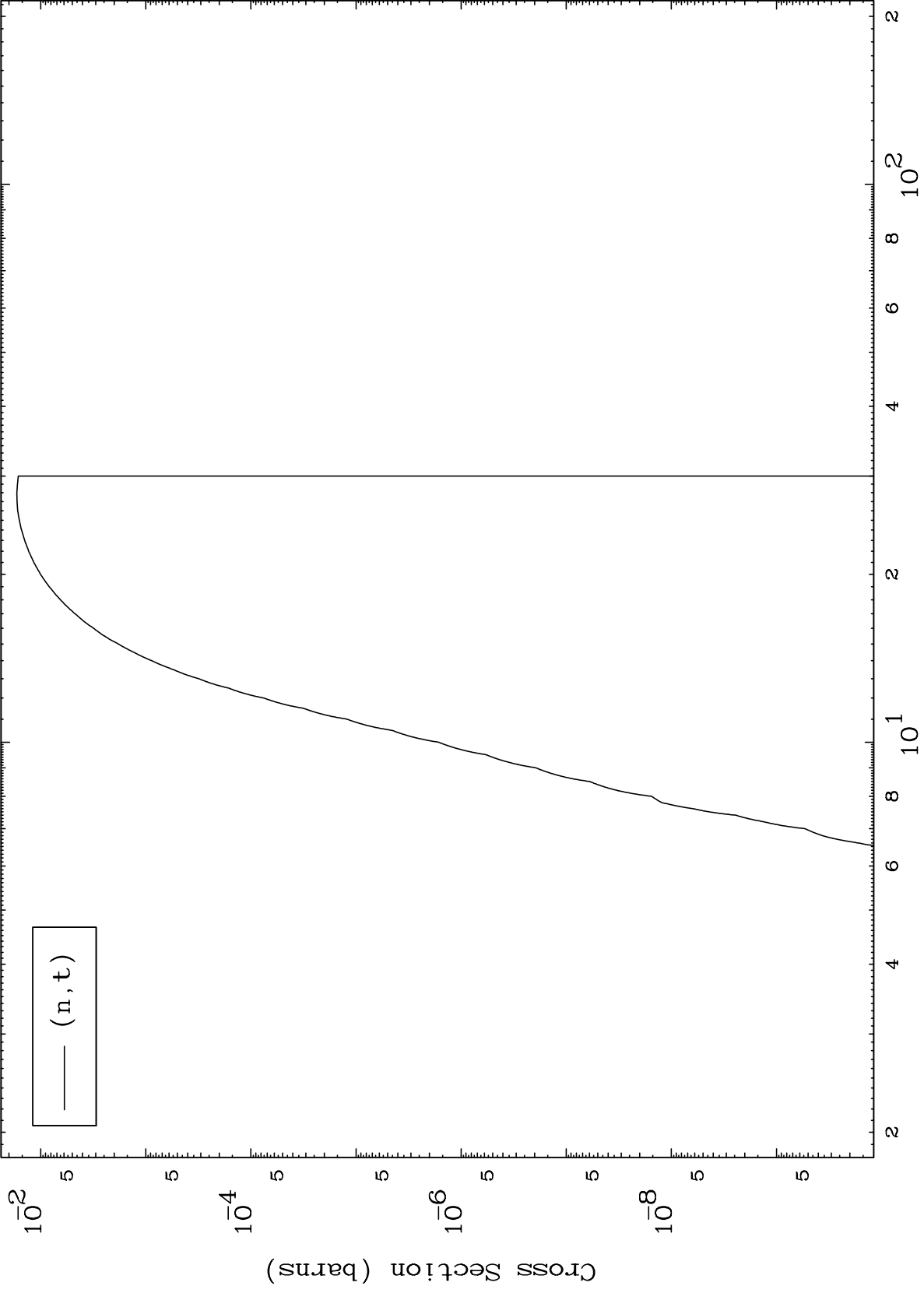
61-Pm-132



MAT 6104

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-132



10

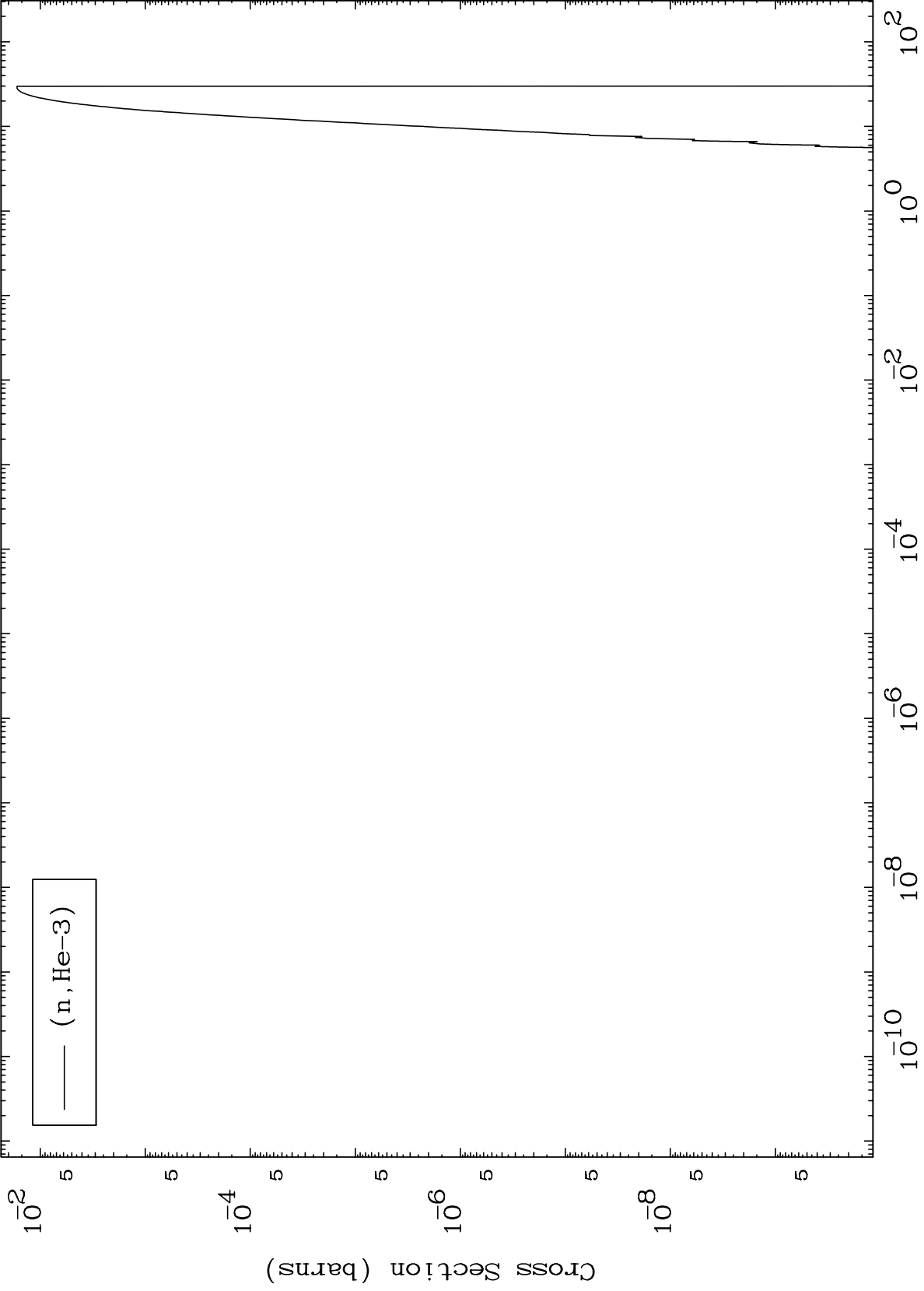
Incident Energy (MeV)

61-Pm-132

MAT 6104

(n,He3) Levels  
293 Kelvin Cross Sections

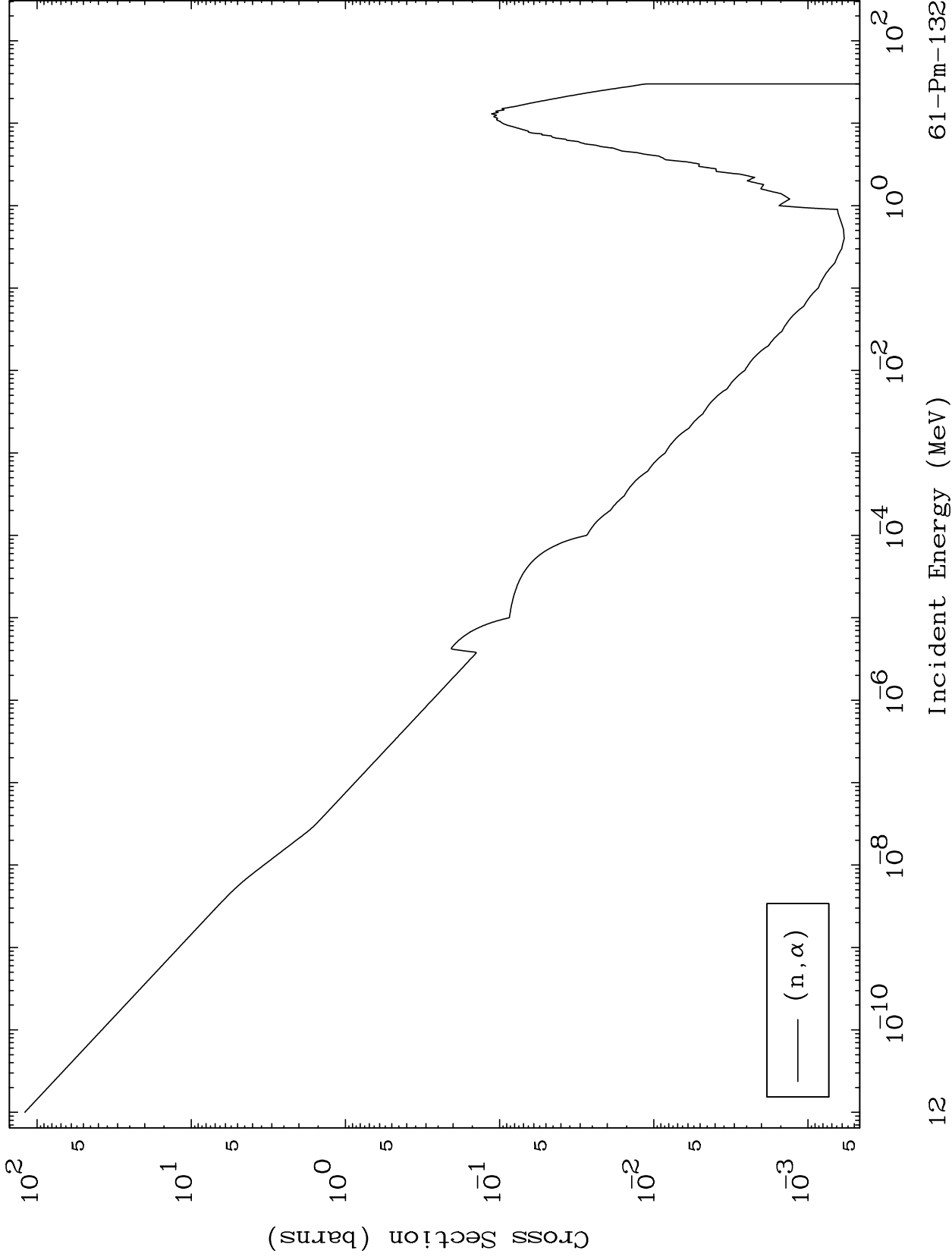
61-Pm-132

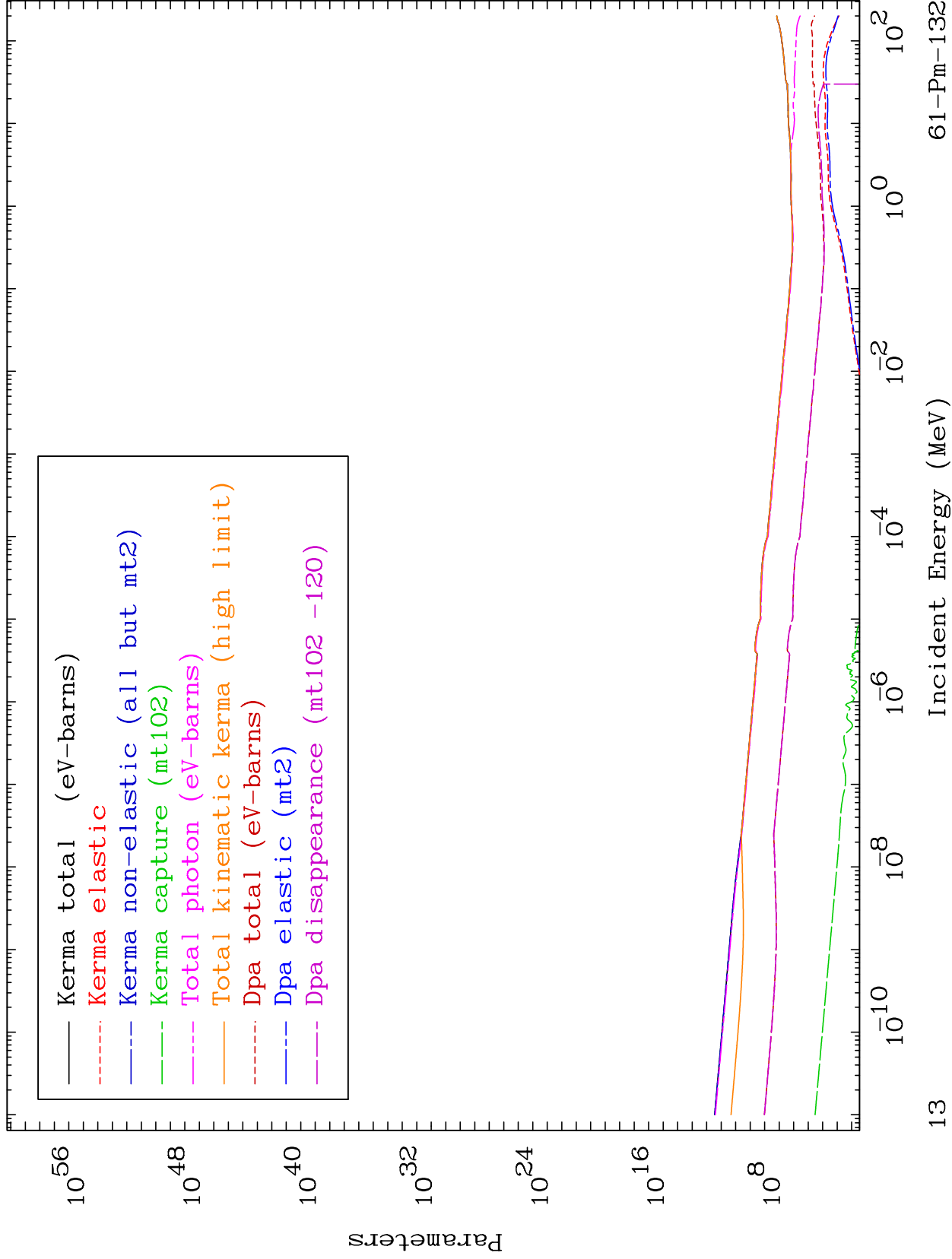


MAT 6104

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

61-Pm-132

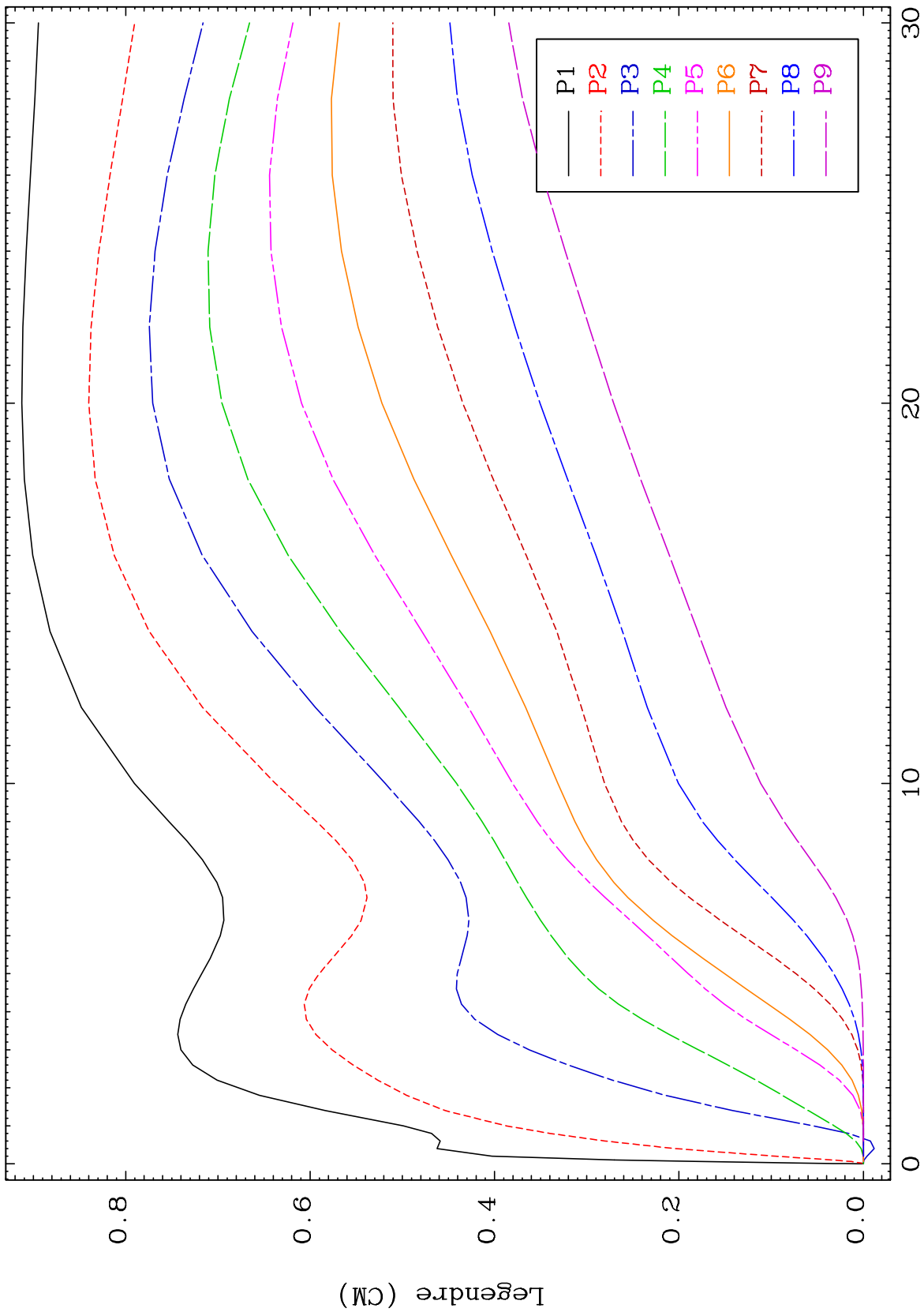




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Elastic Legendre Coefficients

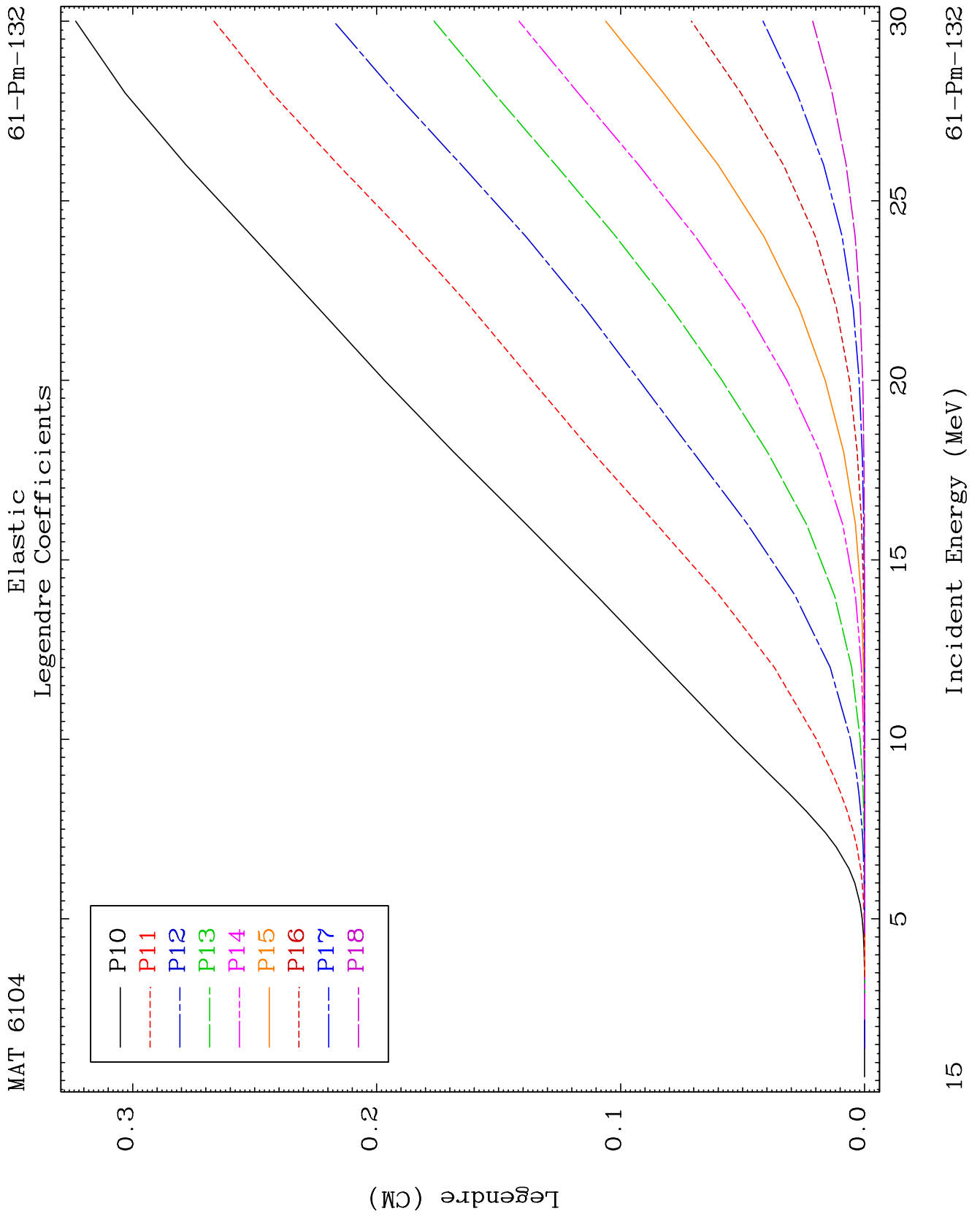
61-Pm-132



14

Incident Energy (MeV)

61-Pm-132

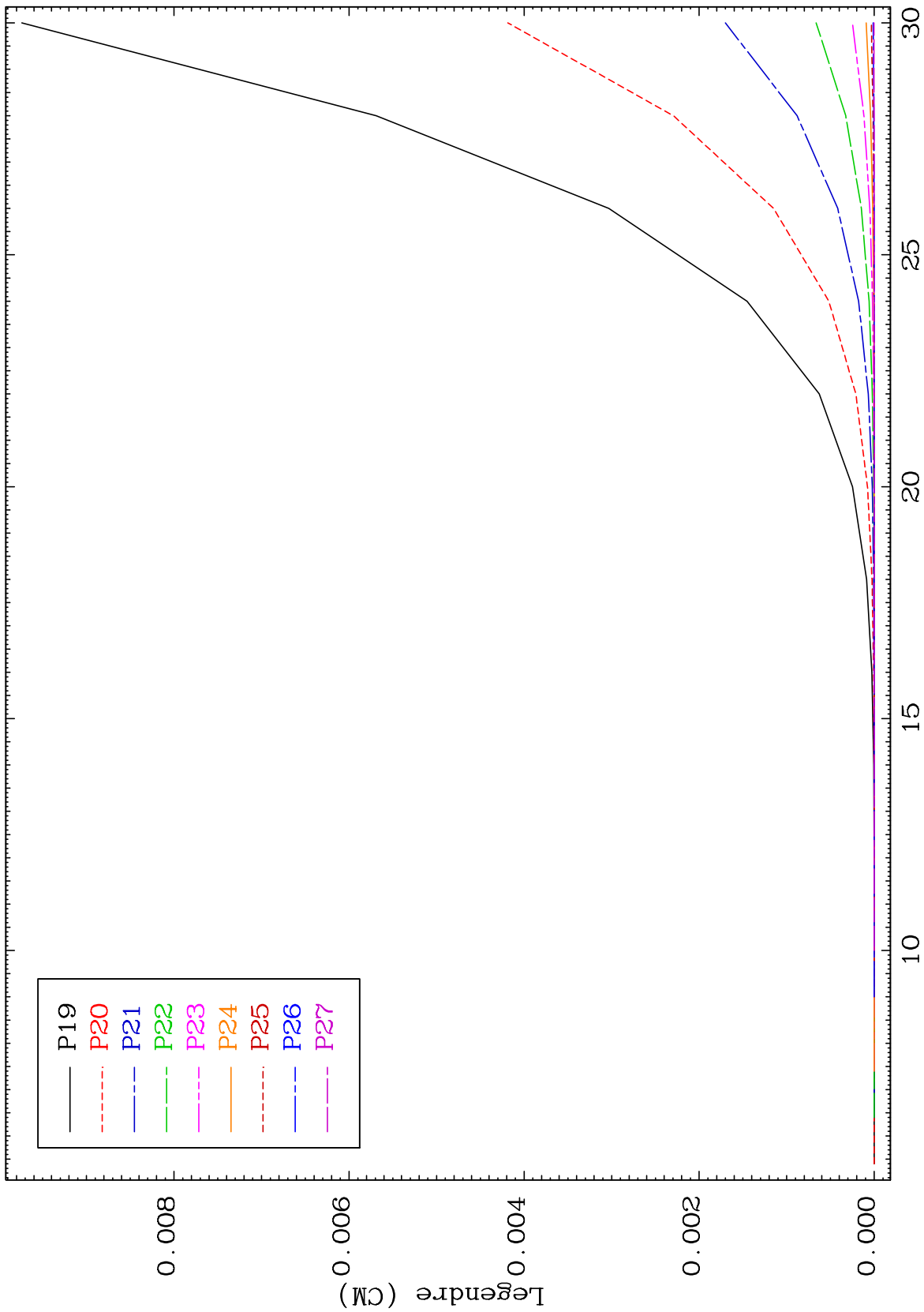




MAT 6104

### Elastic Legendre Coefficients

61-Pm-132



16

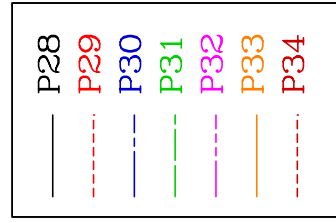
Incident Energy (MeV)

61-Pm-132

MAT 6104

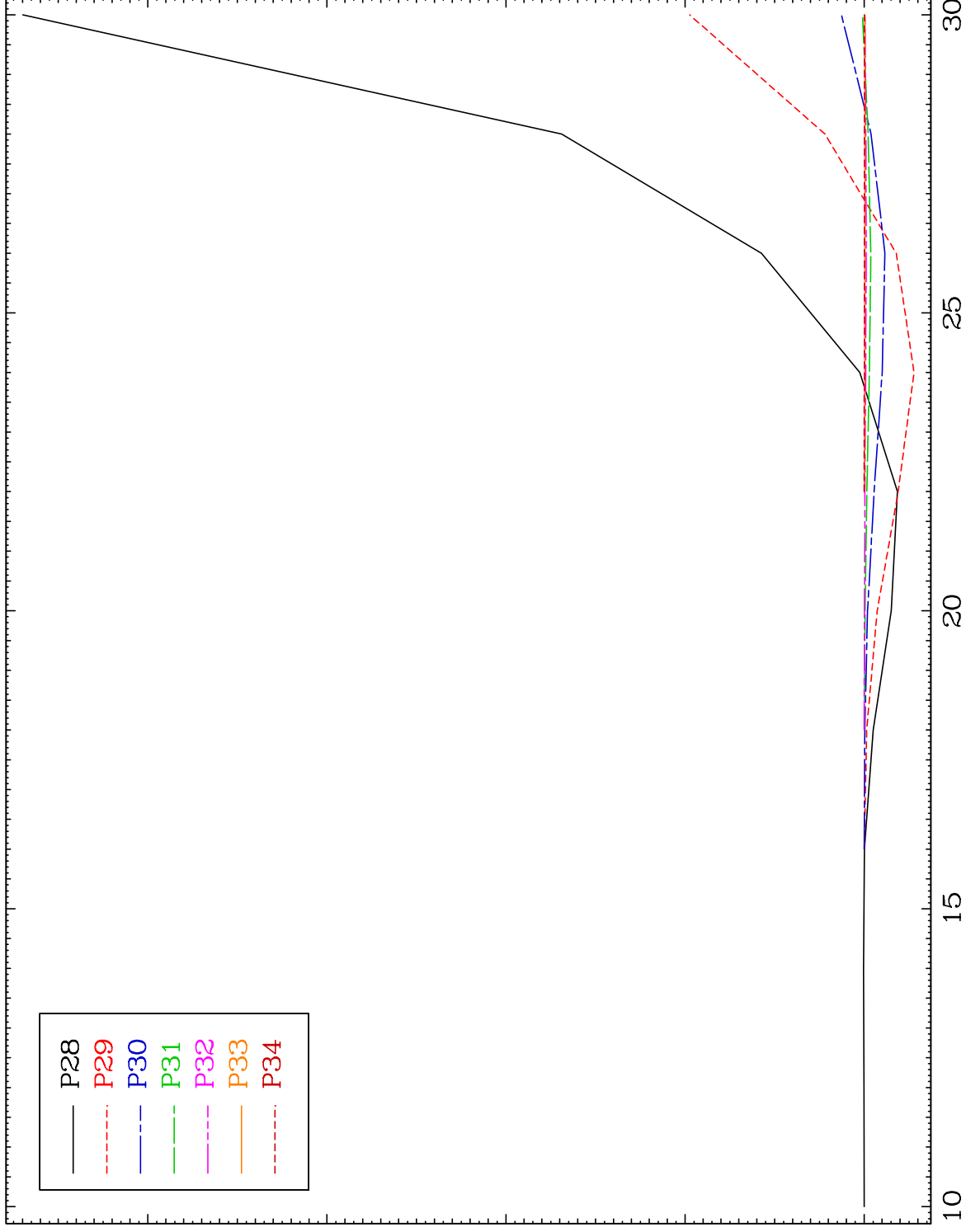
Elastic Legendre Coefficients

61-Pm-132



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

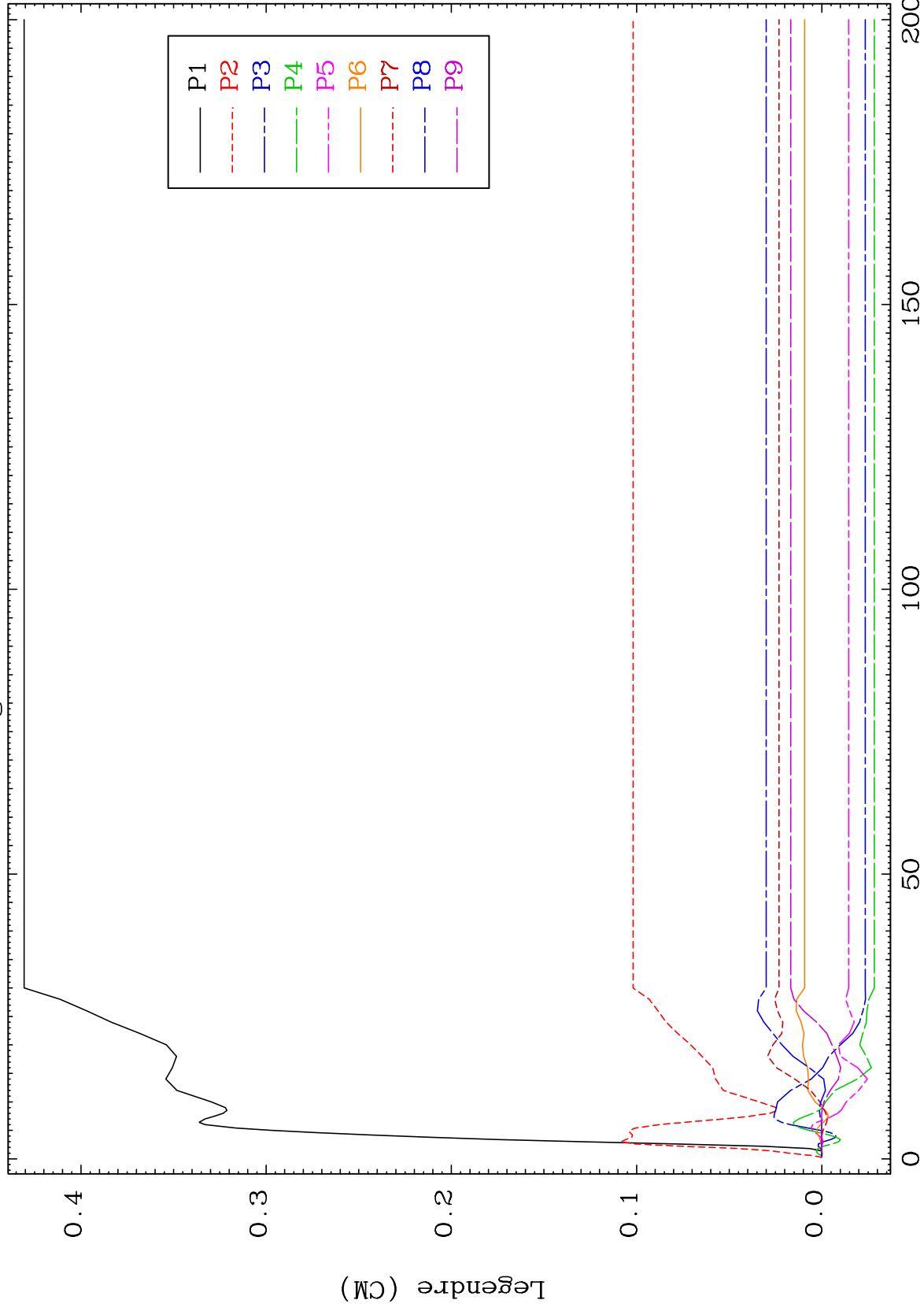
Incident Energy (MeV)

61-Pm-132

MAT 6104

MT= 51 (n,n') Level  
Legendre Coefficients

61-Pm-132



61-Pm-132

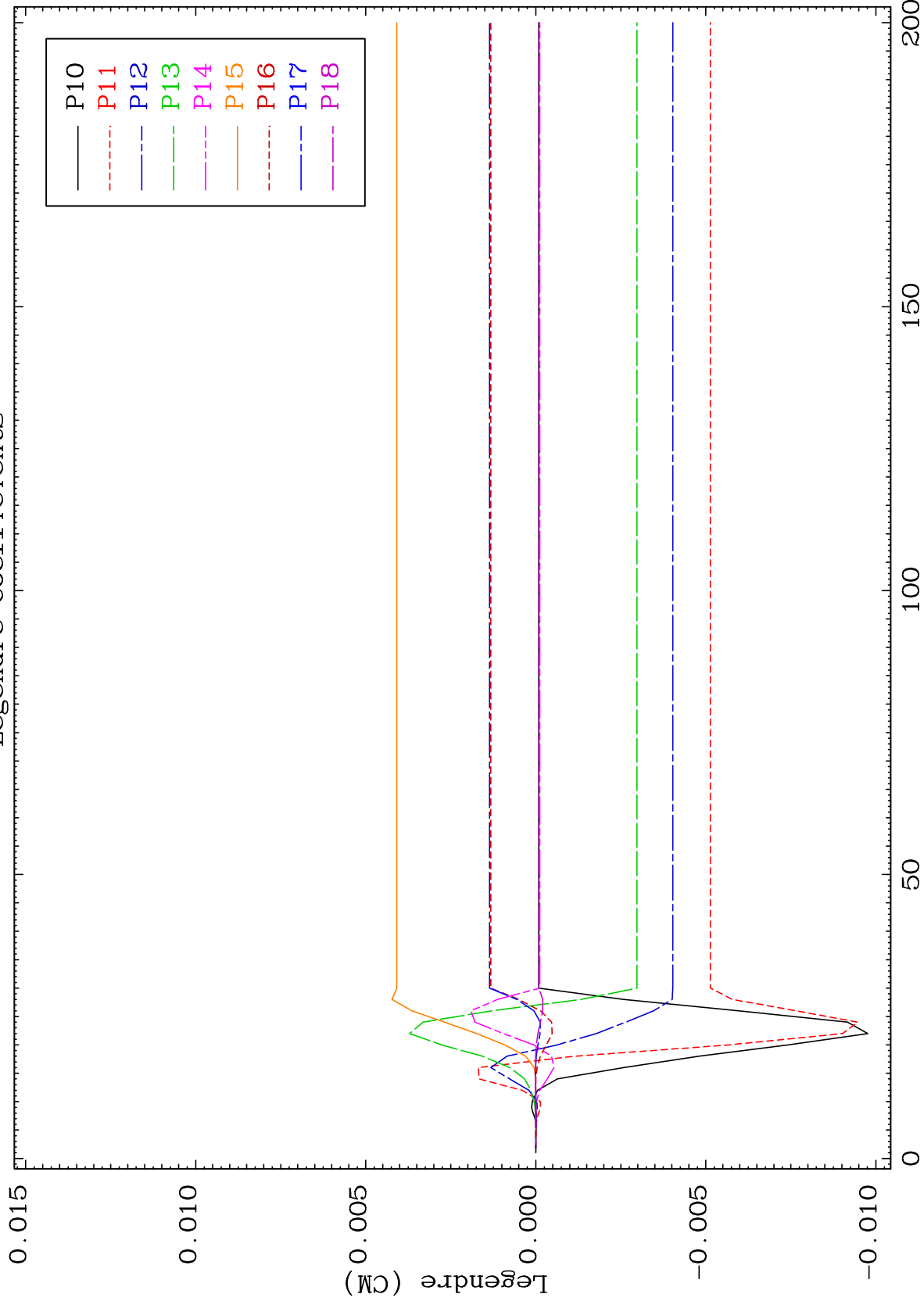
Incident Energy (MeV)

18

MAT 6104

MT= 51 (n,n') Level  
Legendre Coefficients

61-Pm-132



19

Incident Energy (MeV)

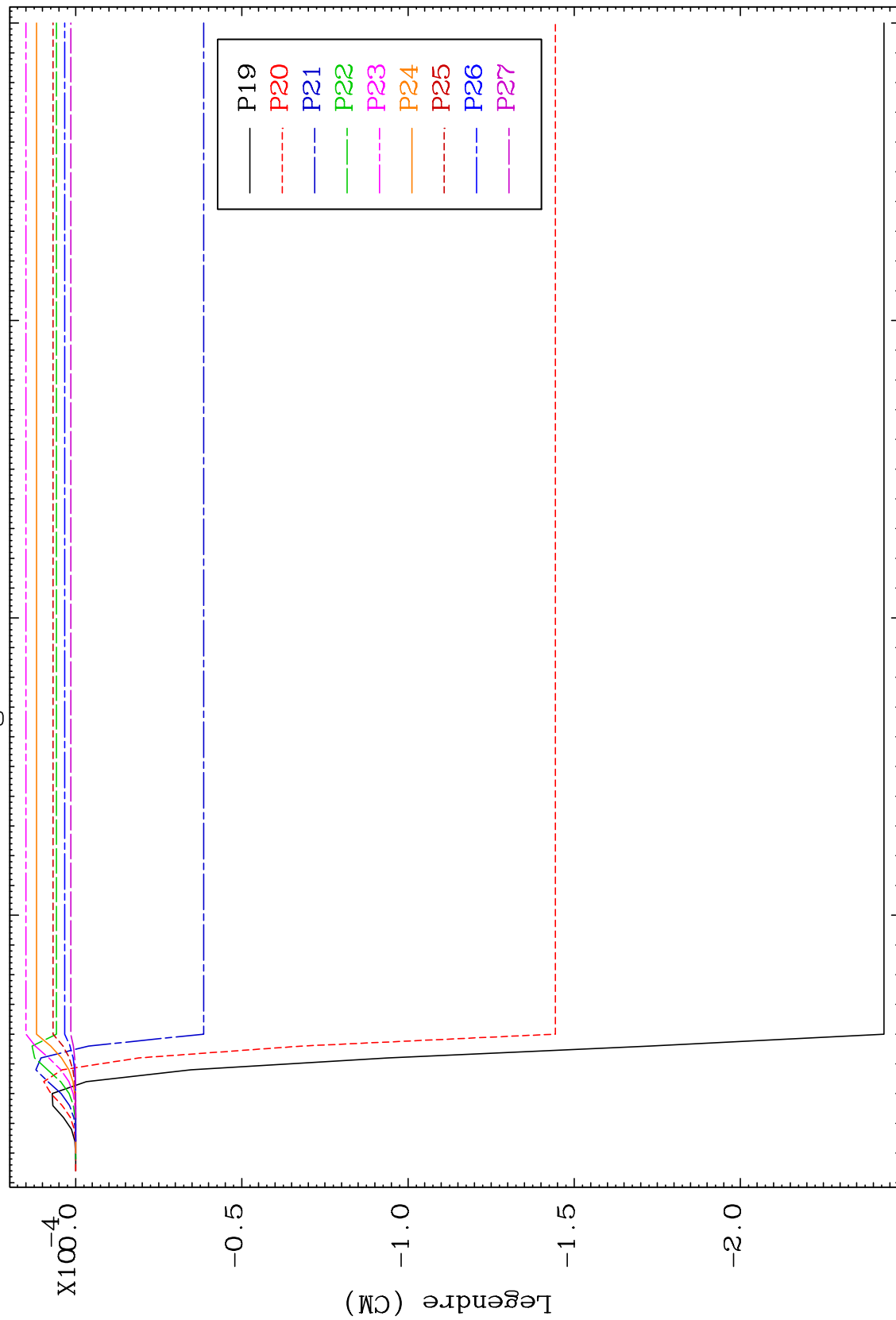
61-Pm-132

MAT 6104

MT= 51 (n,n') Level

61-Pm-132

Legendre Coefficients



61-Pm-132

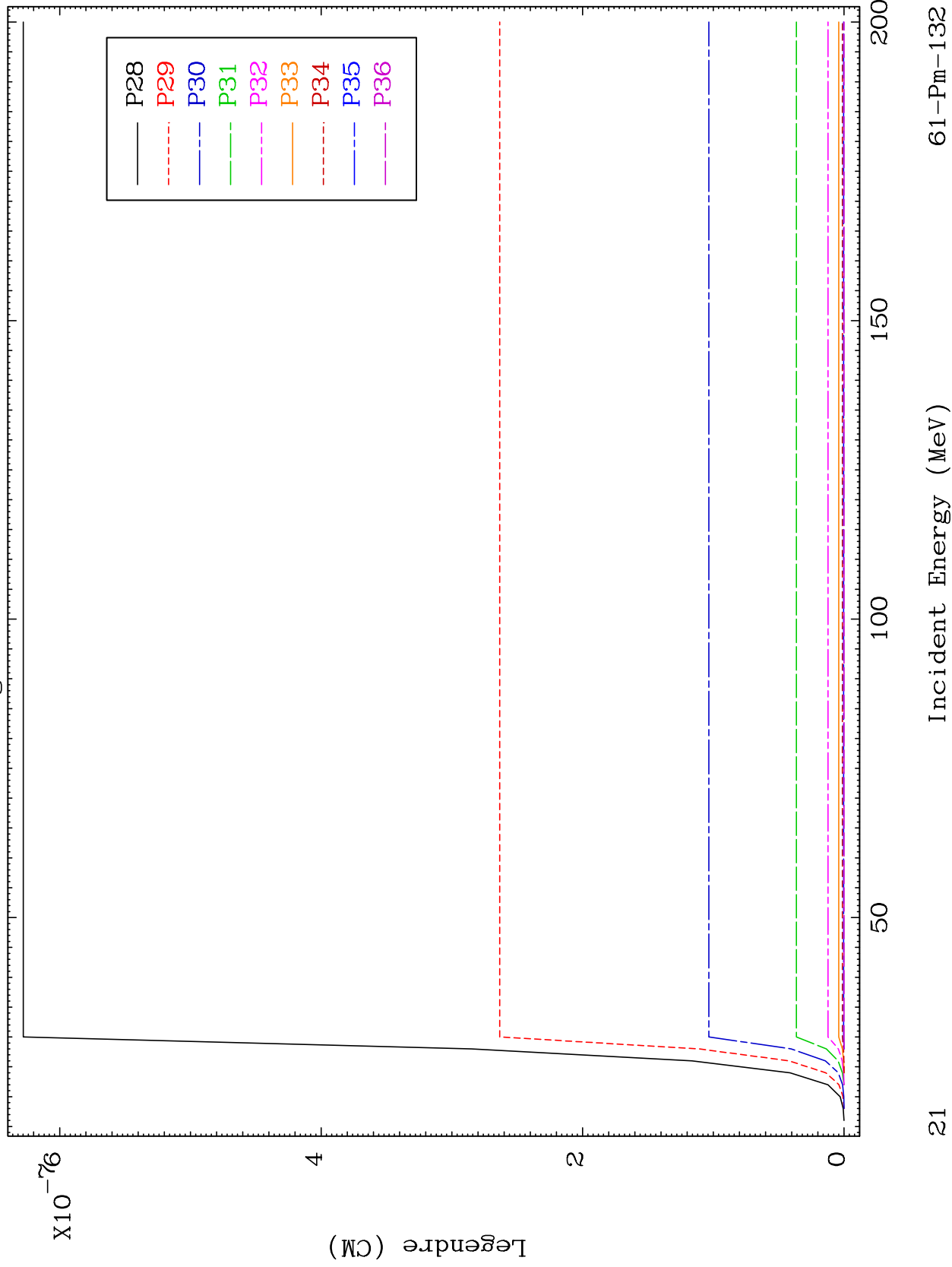
Incident Energy (MeV)

20

MAT 6104

MT= 51 (n,n') Level  
Legendre Coefficients

61-Pm-132



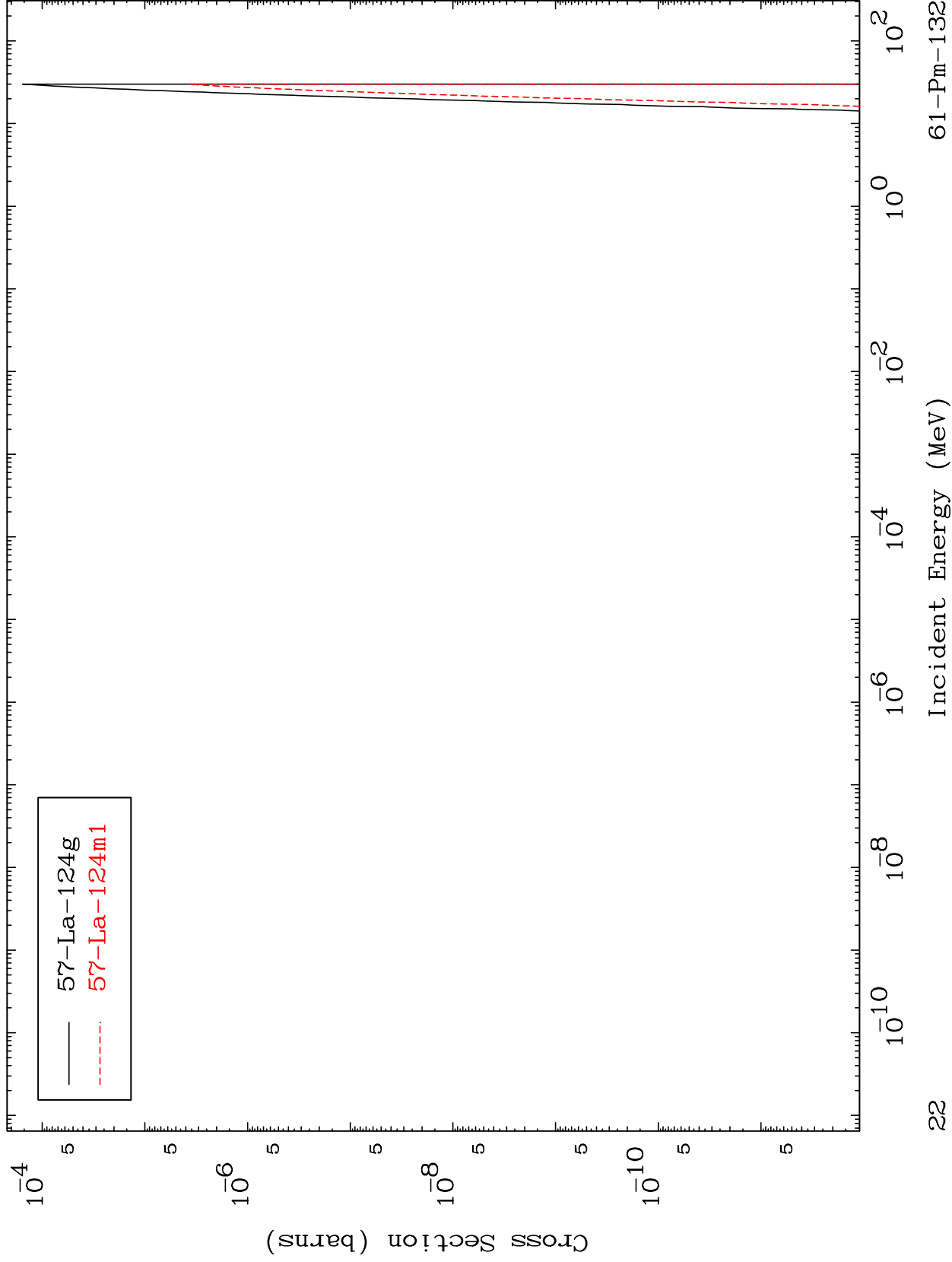
21

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(n,n') 2 $\alpha$

61-Pm-132

Radionuclide Production Cross Section

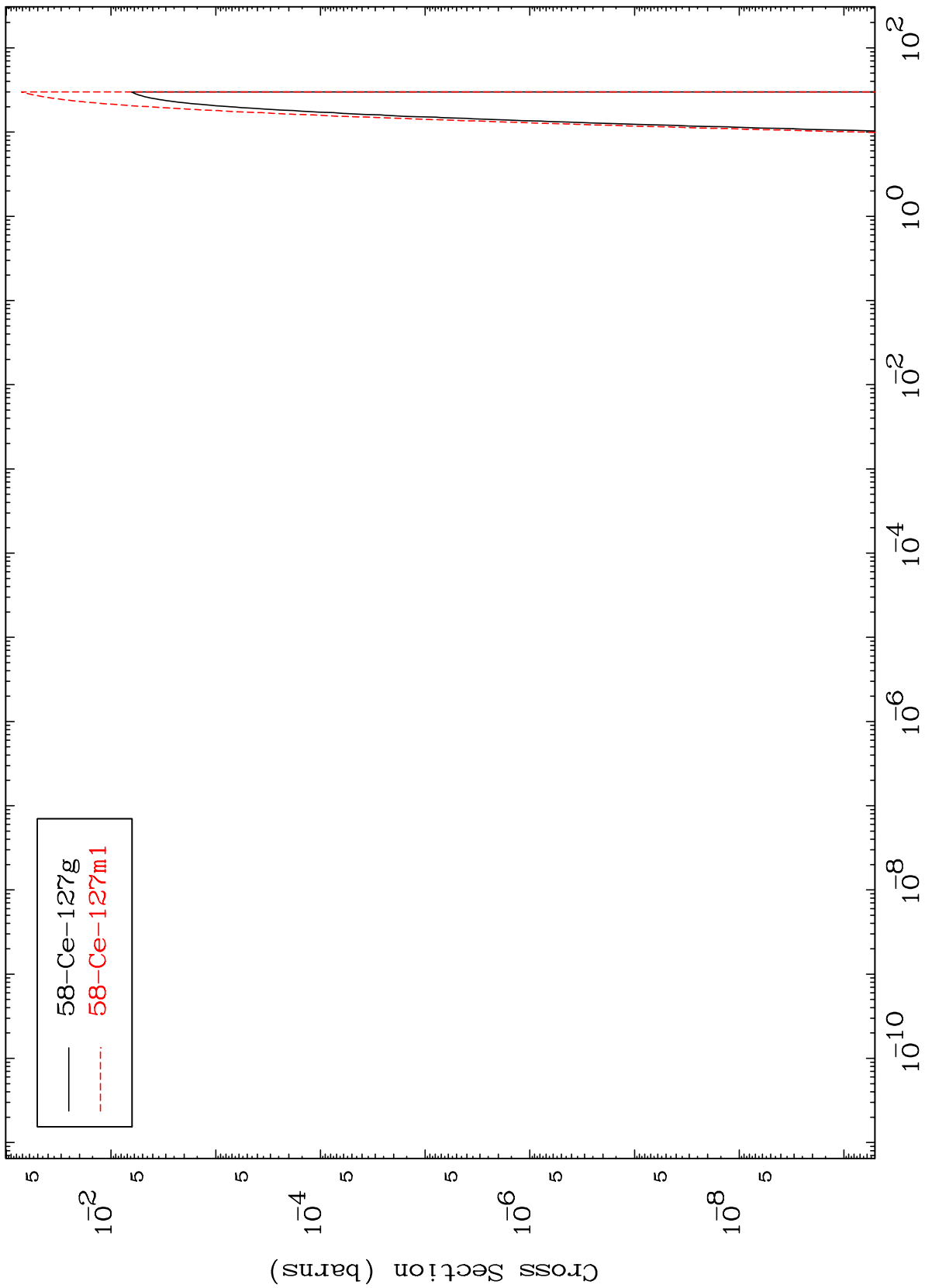


MAT 6104

(n,n') p  $\alpha$

61-Pm-132

Radionuclide Production Cross Section



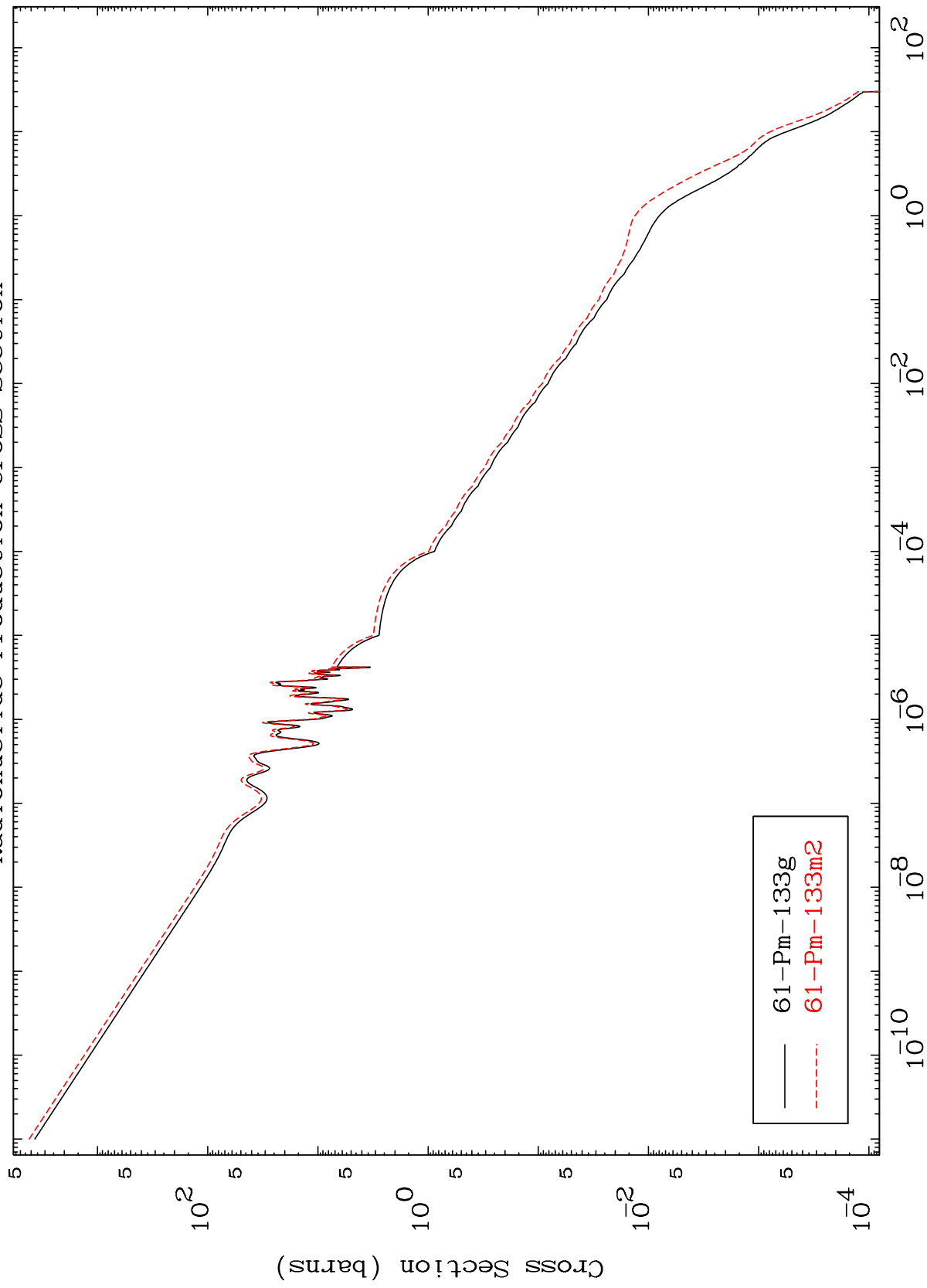


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61-Pm-132

Radionuclide Production Cross Section

(n,  $\gamma$ )



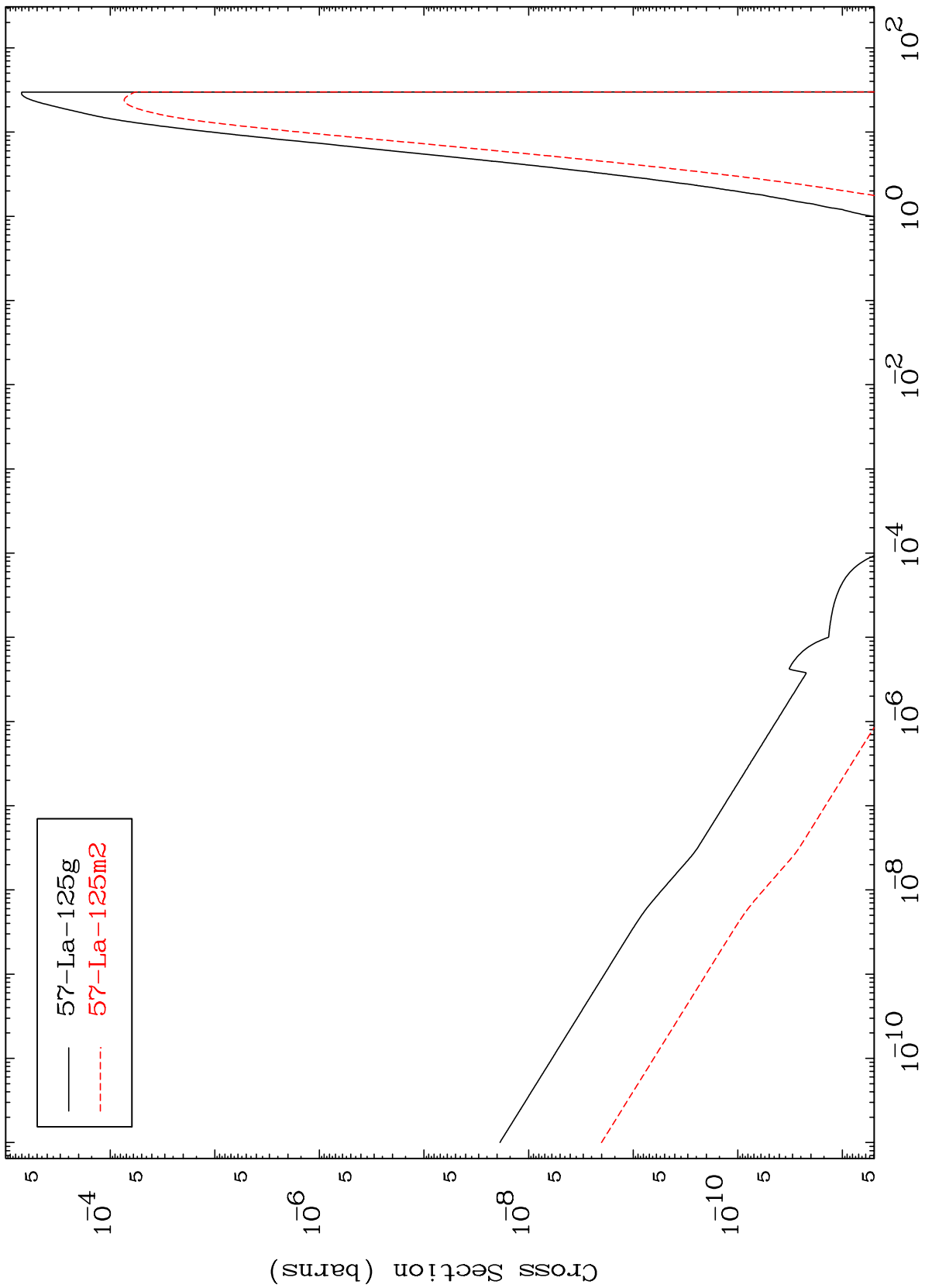
61-Pm-133g  
61-Pm-133m2

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(n,2α)

61-Pm-132

Radionuclide Production Cross Section



— 57-La-125g  
- - - 57-La-125m2

Incident Energy (MeV)

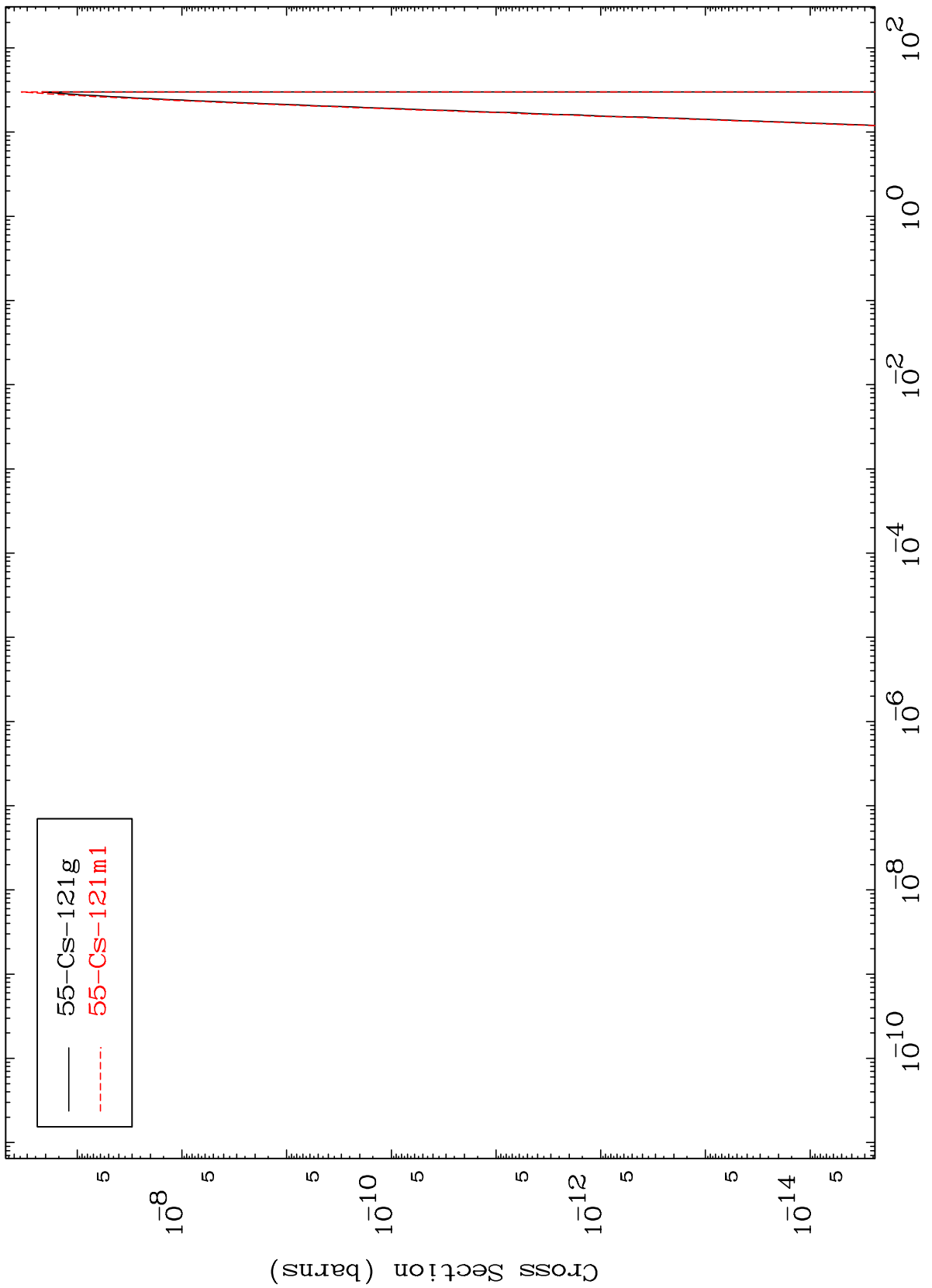
61-Pm-132

MAT 6104

(n,3α)

61-Pm-132

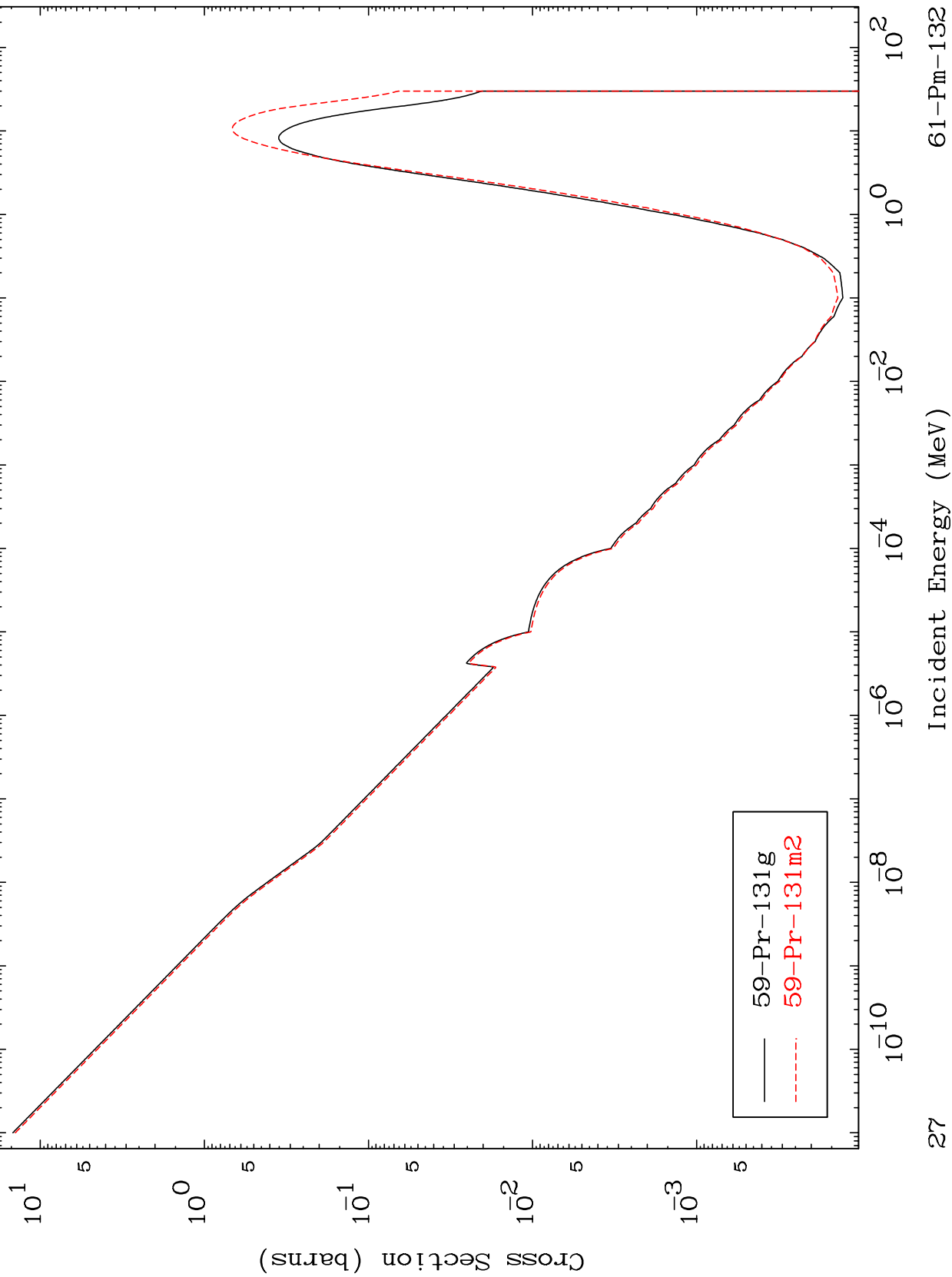
Radionuclide Production Cross Section



MAT 6104

61-Pm-132

(n,2p)  
Radionuclide Production Cross Section

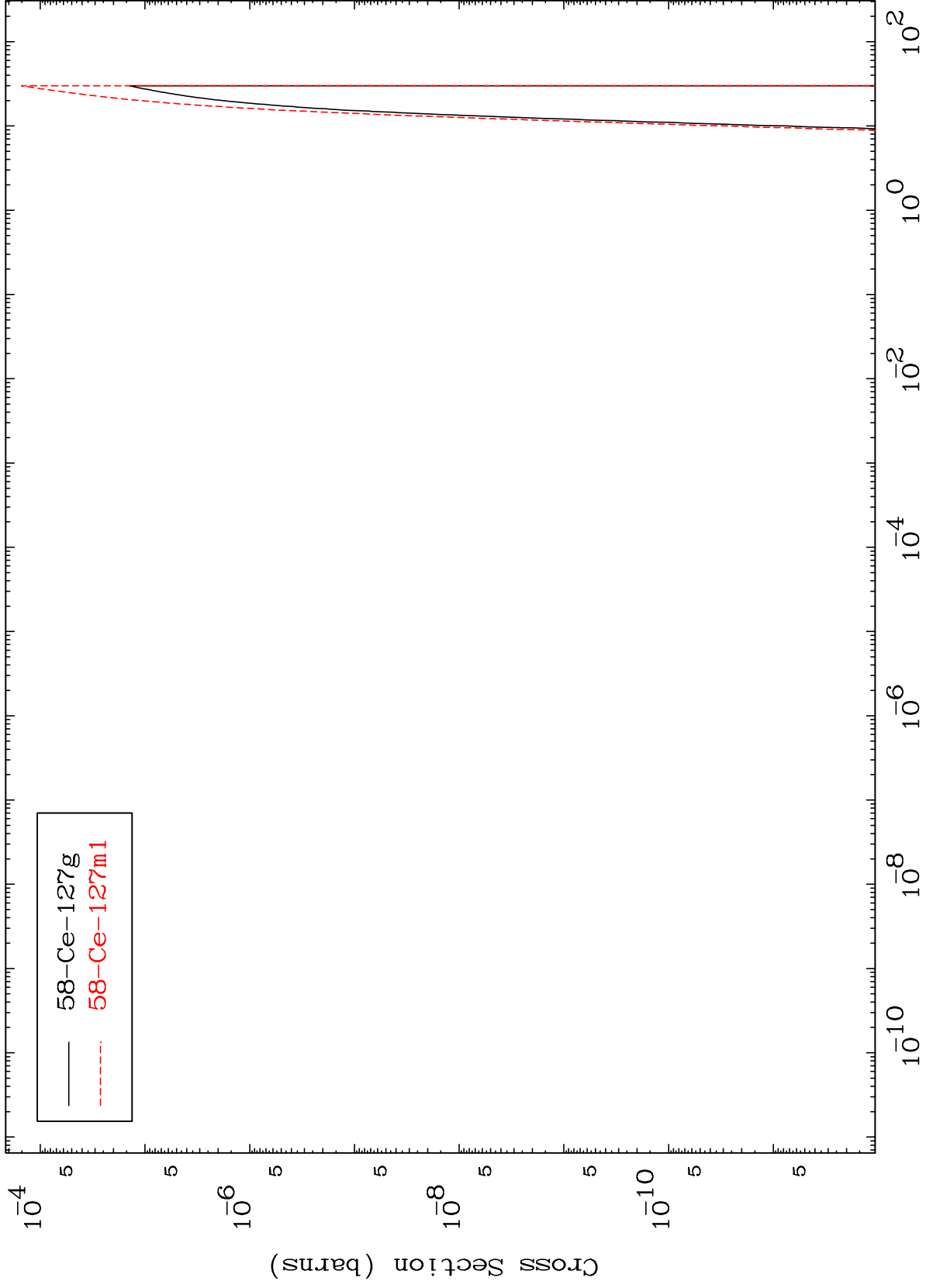


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(n,d)  $\alpha$

61-Pm-132

Radionuclide Production Cross Section



58-Ce-127g  
58-Ce-127m1